G R S 59]

GENERAL AND REVENUE SECRETARIAT

1911-12

(Education)

File No. 98-11

Serial Nos. 4 46

Papers Filed.

Month November 1911

SUBJECT

Laboratory grants for the Central Mfg

PREVIOUS REFERENCES	LATER REFERENCES
Con 3711085—6	Con 6711186—3

Kyenga
3/1/12

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1979

DH-12

CENTRAL AND REVENUE SECRETARIAT

(Cyprus)

NOTES

File No 98-11

TITLE HEADING

Laboratory grants for the Central College

From The High Commissioner in Cyprus

3081/208

Dated 12/10/11

Received 17/10/11

Draft 1979

Index

Spare Copies

Serial No 4

BRIEF ABSTRACT OF LETTER

Submits for approval a list of Physical Science apparatus required for the Central College, the cost amounting to £224-11-0 being met from the Special grant provided in the Budget

NOTES AND OTHERS

Subd with a draft order

hm
23
18/10/11

Secretary
2nd Counsellor

hm
19/10/11

Draft approved by 2nd Counsellor
mcs
23/10/11

Issue
chs
25/10/11

NOTES—Last Sheet

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General and Revenue Secretariat

ಕರ್ನಾಟಕ File No ಗೃಇ 98 of 1911-12

Serial No 6

To The Dept of ಕರ್ನಾ
n Constructions
GO No 3220-1 Dt 4/11/11
Sanctions the purchase of the
apparatus Referred to

NOTE—Contn sheet

CPB—50 000—12 8 10

To 1979

10/11/12

SECTIC Edn

FILE No 98

to 4

Edn 81]

OFFICE OF INSPECTOR GENERAL OF EDUCATION IN MYSORE

No 3081 ---- Enc 1
208

Bangalore 12th October 19 11

From

~~J WEIR, Esq., M.A.,~~

The *Inspector General of Education in Mysore*

To

C S Balasundaram Iyer, Esq , B A ,

Offg Secretary to the Government of H H the Maharaja

of Mysore, General and Revenue Departments, Bangalore

SIR,

I have the honour to forward herewith a list of Physical Science Apparatus required for the Central College, Bangalore and to request that you will be so good as to obtain early sanction of Government for the purchase of the articles mentioned therein The cost namely £224-11-0 will be met out of the special grant provided for the purpose in the current year's budget

I have the honour to be

Sir,

Your most obedient servant,

√ Krishnaswamy Iyengar

For Inspector General

TNR

Central College, Bangalore

Dated September 1911

W G Pye & Co "Granta Works" Cambridge

Page and No in Catalogue		Description of Apparatus	No required	Cost £ s d
11	669	Kater's reversible pendulum on tripod	1	4-10- 0
14	686	Maxwell's vibration needle	1	3-10- 0
14	694	Apparatus for showing energy stored in rotating mass	1	3- 0- 0
19	728	Screw-motion stand	2	2-15- 0
27	777	Carey Foster metre bridge	2	2- 7- 0
33	823	Condenser in teak case 1 m'farad	1	2-17- 0
35	835	Ammeter range 5 amps in tenths	10	12-3- 0
35	835	Ammeter, range 50 amperes	2	2-12- 0
35	835	Voltmeter range 10 volts in fifths	10	13- 0- 0
35	835	Voltmeter range 200 volts	2	2-19- 0
57	994	Searle and Pye's Elementary Spectrometer	1	3-10- 0
57	994	Two additional carriages with telescope reflection prisms, and two additional carriages with slit only	4	? ? ?
67	1041	Standard Barometer new pattern with tube of ½ inch bore, graduated in mms and inches Range 630 to 780 mms	2	17- 0- 0
67	1041	Barometer similar to No 1042 but 7/10 in bore graduated in mms & ins Range 630 to 780 millimeters	1	6- 6- 6
Period Points June 1910		Improved Dolezalek Electrometers one doz quartz suspensions ready mounted, for high sensitiveness	2	12-12- 0 ? ? ?
Period Points June 1910		" Kaltum Arsenic in parvo" reversing key new pattern on ebonite base	12	3- 0- 0
" "		Ditto Ditto Mahogany base	12	2-10- 0
Period Point May 1911		Universal Ballistic galvo with astatic System	1	5- 0- 0

101-13-6

age and no in Catalogue		Description of Apparatus	No reqd	Cost
				£ s d
				101—13—6
Period Points Sept 1910		"Granta" moving Coil galvanometers G 17 resistance 50 ohms	1	4- 0- 0
		G 19 " 100 ohms	1	3- 0- 0
		G 22 1500 ohms	1	3-10- 0
P P Aug '10		"granta" Dial Bridge	1	8-10- 0
4 607		Spherometer(German silver base & dial) metric screw reading to .001 mm	1	3-10- 0
4 612		Demonstration spherometer to .02 mm	1	2-10- 0
45 898	Searle's	Robinson Magnetometer	1	6-12- 6
8 637		Steel spheres diam 1½" @ 3s with rings	1 doz	1-16- 0
8 645		slotted weights to fit hangers(1kilo)	1 doz	0-12-00
14 683		Inertia bars 30 cms long, 1 cm diam	2	0-10- 0
"		do do 40 cms long 1.5 cm diam	2	0-12- 0
		do do 50 cms long, cms diam	2	0-17- 0
14 684		Inertia disc of brass diam. 15 cms thickness 7 mm	1	0-12- 6
14 685		Inertia rectangle 20 x 10 x 6 cms	1	0-13- 6
19 740		Independent levelling screws Size 2 ¾ inch	1 set of 3	0- 9- 6
21 737		Geometric triped with brass levelling screws	2	1- 0- 0
21 737 a		Circular Iron table to fit geometric tripods		
		20 cms diam	1	0- 4- 6
		25 cms diam	1	0- 5- 6
		30 cms diam	1	0- 6- 6
38 859		Rotating commutator or secohmmeter	1	6-10- 0
54 962		Mirrors mounted in wooden frame with metal socket to fit stand		
"		Concave 75 mms diam 25 cms focus	4	1-10- 0
		" " 2" 40 cms focus	3	1- 2- 6
54 964		Plane mirror glass 15 x 15 cms	12	1-10- 0
				145-17-6

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e and No.in Catalogue		Description of Apparatus	No required	Cost £ s d
				145-17-6
	1025	Student's precision balance with rider moving arrangement in mahogany and glass case Can 1000 gms	1	6-12- 0
4	1028	Rider weights 10 mgms gold	1 doz	0- 6- 0
	do	" " 1 mgm aluminium	1 doz	0- 5- 0
64	1029	Grame weights, in mahogany block case from 10 mgms to 1000 mgms	6	4-10- 0
69	1058	Chemical thermometer, range 0- 200 C	1 doz	1- 2- 0
69	1059	Dormal thermometer in 1/10ths	"	7- 7- 6
70	1064	Cube form glass boxes with covers 6"x6"x6" inside measurements 50 mms	10	1-17- 6
70	1065	Tall form glass boxes with cover height 1 0 mm, breadth 0 m, depth 50 m	4	2-10- 0
72	1094	Lab slides	"	1-1 - 6
73	1104	Clear litmus sheets 8" x 6" at 1/- each	20	1- 0- 0
73	1104	Clear litmus sheet 6" x 4" 0 6/- per doz	1 doz	0- 3- 6
P P	Adj 10	Standard Cadmium Cell Reform with two single elements	1	2-10- 0
47	907	Spherical ended magnets, 4"cms	"	0- 8- 0
77	Optics III	Set of 6 lenses, 4 wholes, 2 halves in ebonite mounts with brass clips	2 sets	0-10- 0
		additional clips 0 3/- each	1 doz	1-10- 0
66	10 6	Small spirit level 5 cms long	"	0- 5- 0
47	913	Bar magnets 6in long in pairs with keepers in case	"	0- 4- 0
47	918	Compound horse-shoe magnet	1	0-12- 0
47	919	Circular plate magnet	"	0- 5- 0
46	913	Deflection magnetometer G 21/7/6	"	2-15-00
70	1066	Hollow prisms 75 x 3 mms @ 10/- each	"	2-10- 0
64	1026	Analytical grame weights accurately adjusted, platinised, 1 mgm to 200 gms	1	2- 1- 6
"	"	ditto ditto 1 mgm to 1000 gms		3-10- 0
59	1007	Adjustable distance rod	10	1- 5- 0
				188-16-0

Page and No in Catalogue		Description of apparatus	No reqd	cost
				£ s d 188-16-0
54	960	Flint glass prisms 60°, 1½" face	5	4-15-0
52	941	Spun copper Calorimeters 5" x 3" @ 2/- each	20	2-0-0
39	804 (New 1910)	Small storage cells	200	13-0-0
8	639	Simple moment bars	5	0-12-6
17	Optics i	Rectangular glass plates	10	0-10-0
	" "	Large equilateral prism 3-" face	10	3-15-0
4	610	Small spherometer reading to 600 mm	2	0-15-0
79	fig 92	Micrometer gauges No 3 @ 9/6 each	5	2-7-6
79,	Elect iii	½ metre bridge @ 18/6 each	2	1-17-0
77	Heat V	Apparatus for comparison of thermal conductivities	1	1-5-0
76	Mech V	Brass cylinders	10	0-10-0
PP	March '09	Extra cells with glass ends for elementary spectrometer @ 5/- each	2	0-10-0
	" " "	Extra air cells @ 2/- each	5	0-10-0
	" " "	Extra mirrors at /6 each	6	0-3-0
23	742 3 4	Resist Coils, 1, 10, 100 ohms	1 each	3-5-0
		Total		224-11-0

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File No 98.
Serial No 6

Diary No of letter replied to 1979

Proceedings of the Government of His Highness the Maharaja of Mysore

Encl

GENERAL AND REVENUE SECRETARIAT
( )

READ—

Letter No 3081/208 dt/the 12th October 1911 from the Dy/k of Coll/m Inspne Submitting for Sanction a list of Physical Science apparatus Required for the Central College the cost amounting to £224-11-1 be...g met out of the Special grant provided for the purpose in the Current year.

Dated 1911

Signed by

SUBJECT

Postcards for typing 3 [illegible] typed [illegible] kept typed

GPR—10 000 19 4 10

Under 1

Order thereon

No 3210-1-11 dt 4-11-11

Sanctioned

19/10/11

For Secy

To the Asst Engr

23/10/11

in Complete with a copy of the bill

19/10/11